

## CLAIMS:

1. In a device for detecting counter-bands the improvement including the incorporation of a disablement unit.
2. The improvement according to claim 1, wherein the disablement unit is comprising electrical shocker.  
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3. The improvement according to claim 1, wherein the disablement unit is comprising an irritant.
4. The improvement according to claim 3, wherein the irritant comprises tear gas or anesthetic agent.
- 10 5. The improvement according to claim 1, wherein the disablement unit and the device for detecting counter-bands are controlled by a common control unit.
6. The improvement according to claim 1, wherein the disablement unit and the device for detecting counter-bands utilize a common energy-source.  
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7. The improvement according to claim 1, wherein the disablement unit and the device for detecting counter-bands comprise communication arrangement with remotely located system.
8. The improvement according to claim 1, wherein the disablement unit has an alarm arrangement selected from (a) visual alarm; (b) audio alarm; (c) vibration alarm; (d) a combination of at least two of 'a' to 'c'.  
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9. The improvement according to claim 1, wherein the disablement unit and the device for detecting counter-bands form a hand-held device.  
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10. The improvement according to claim 1, wherein the disablement unit and the device for detecting counter-bands form a stationary device.

11. A device for detecting counter-bounds comprising;

5 (a) at least one detection unit capable of recognizing the presence of metals and/or of at least one type of explosive substance;

(b) at least one disablement unit capable of temporarily and reversibly incapacitate a human;

10 (c) a common housing or chassis supporting the disablement unit and the at least one detection unit;

(d) a control unit for activating and controlling the device;

(e) energy supply means capable of energizing the device components as necessary;

15 (f) switching means for activating the disablement unit.

12. A device according to Claim 11 being hand held.

13. A device according to Claim 11 wherein the disablement unit is a stun gun having a mechanism for discharging high-voltage electrical shock.

20 14. A device according to Claims 11, wherein the disablement unit and the at least one detection unit are integral.

15. A device according to Claims 11, wherein the disablement unit and the at least one detection unit are detachably engagable.

16. A device according to Claims 11, wherein the at least one detection unit includes a metal detection unit comprising:

25 a) a transmitter coil and a receiver coil defining a detection field,

b) a metal detector circuit connected to said transmitter and said receiver coils for detecting the presence of metal objects in said detection field;

c) indicator for alerting the user to the presence of a metallic object; and

d) switch for activating the metal detection unit.

17. A device according to Claim 13, further comprising a battery electrically connected to said stun-gun.

18. A device according to Claim 13, wherein the stun-gun has a mechanism comprising the following components:

- (a) a pair of electrically conductive electrodes protruding from the housing of the device or provided with means for being drawn out or shot out from the housing at spaced apart positions;
- (b) voltage multiplying arrangement capable of converting a low voltage of a power supply means to a high voltage capable of immediately shocking a human exposed to it.
- (c) electrical circuit connecting the conductive electrodes to a battery through the voltage multiplying arrangement;
- (d) manually operable switch operative to selectively make and break the electrical connection between at least one of the electrodes and the voltage multiplying arrangement or between the battery and the voltage multiplying arrangement, whereby a high voltage potential is created between the electrodes upon closing of the switch means;

19. The device according to claim 13, wherein the high voltage electrical shock discharged from the stun-gun has a voltage of approximately between 50,000-400,000 volts, and a current of approximately between 1-4 mAmp.

20. The device according to claim 1, wherein the disablement unit is comprised of an irritant or an anesthetic agent, capable of being emitted as a high pressure gas or a fluid from a canister upon activation of the switching means.

5 21. A device according to claim 15, wherein the disablement unit is adapted for being assembled on a position external to the housing of the device, and can be detachably connected to the device.

10 22. A device according to claim 11 wherein the counter-band detection unit is capable of detection of counter-bands selected from the group consisting of: weapons, guns machine-guns, knives, metal chips, and explosives.

15 23. A metal detection unit adapted for detachable engagement with a disablement unit, said disablement unit capable of reversibly incapacitating a human; wherein said metal detection unit is comprised of:

20 a) a transmitter coil and a receiver coil defining a detection field;

b) a metal detector circuit connected to said transmitter and said receiver coils for detecting the presence of metal objects in said detection field;

c) indicating means for alerting the user to the presence of a metallic object;

d) a housing;

e) a control unit for activating the metal detection unit;

f) a battery electrically connected to said metal detector circuit for providing power from said battery to said metal detector circuit and to the components of the unit as necessary;

25 g) switch for activating the unit.

24. A disablement unit capable of reversibly incapacitating a human, adapted for assembly with a metal detector device.

25. The disablement unit of claim 24, wherein the disablement unit is comprised of a stun gun mechanism capable of discharging a high voltage electrical shock; said stun gun mechanism comprising:

- a) a pair of electrically conductive electrodes protruding from the housing of said device or provided with means for being drawn out or shot out from the housing at spaced apart positions;
- b) voltage multiplying arrangement capable of converting a low voltage of a power supply means to a high voltage capable of immediately shocking a human exposed to it;
- c) electrical circuit connecting the conductive electrodes to a battery through the voltage multiplying arrangement;
- d) manually operable switch operative to selectively make and break the electrical connection between at least one of the electrodes and the voltage multiplying arrangement or between the battery and the voltage multiplying arrangement, whereby a high voltage potential is created between the electrodes upon closing of the switch means;

26. The disablement element of claim 25, further including a battery.